

Title (en)

SYSTEMS, DEVICES, ARTICLES, AND METHODS FOR CALIBRATION OF RANGEFINDERS AND ROBOTS

Title (de)

SYSTEME, VORRICHTUNGEN, ARTIKEL UND VERFAHREN ZUR KALIBRIERUNG VON ENTFERNUNGSMESSERN UND ROBOTERN

Title (fr)

SYSTÈMES, DISPOSITIFS, ARTICLES ET PROCÉDÉS D'ÉTALONNAGE DE TÉLÉMÈTRES ET DE ROBOTS

Publication

**EP 3737537 A4 20220504 (EN)**

Application

**EP 18878456 A 20181107**

Priority

- US 201762588821 P 20171120
- CA 2018051405 W 20181107

Abstract (en)

[origin: WO2019095045A1] Systems, devices, articles, and methods, described in greater detail herein, including robotic systems which include at least one rangefinder, at least one manipulator, and at least one processor in communication with the at least one rangefinder, and methods of operation of the same. The at least one processor obtains rangefinder pose information which represents, at least, the at least one manipulator in a plurality of poses. The at least one processor obtains manipulator pose information, optimizes a model of mismatch between the rangefinder pose information and the manipulator pose information, wherein the model of mismatch includes a plurality of parameters, and updates at least one processor readable storage device with the plurality of parameters based at least in part on the optimization.

IPC 8 full level

**B25J 9/16** (2006.01); **G01C 25/00** (2006.01)

CPC (source: EP US)

**B25J 9/023** (2013.01 - US); **B25J 9/1692** (2013.01 - EP US); **B25J 9/1694** (2013.01 - EP); **B25J 15/04** (2013.01 - US); **B25J 19/023** (2013.01 - US); **G01C 25/00** (2013.01 - EP); **G05B 2219/37269** (2013.01 - EP); **G05B 2219/37425** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2019095045 A1 20190523**; EP 3737537 A1 20201118; EP 3737537 A4 20220504; US 11648678 B2 20230516; US 2020316780 A1 20201008

DOCDB simple family (application)

**CA 2018051405 W 20181107**; EP 18878456 A 20181107; US 201816765444 A 20181107